

Table 7.2 Links.

	Link	S(a,b)	$ H_1(M_k) $	Lk ₁	Lk ₂	Signature ₁	Signature ₂	ξ	$\langle c_0, \dots, c_n \rangle$
0	0_1^2	S(0, 1)	$ Z $	0	0	0	0	0	$\langle 0 \rangle$
1	2_1^2	S(2, 1)	2	-1	1	1	-1	0	$\langle 2 \rangle$
2	4_1^2	S(4, 1)	4	-2	2	3	-1	1	$\langle 4 \rangle$
3	4_1^{2*}	S(4, 3)	4	-2	2	1	-3	-1	$\langle 1, 2, 1 \rangle$
4	5_1^2	S(8, 3)	8	0	0	1	1	1	$\langle 2, 1, 2 \rangle$
5	5_1^{2*}	S(8, 5)	8	0	0	-1	-1	-1	$\langle 1, 1, 1, 1, 1 \rangle$
6	6_1^2	S(6, 1)	6	-3	3	5	-1	2	$\langle 6 \rangle$
7	6_1^{2*}	S(6, 5)	6	-3	3	1	-5	-2	$\langle 1, 4, 1 \rangle$
8	6_3^2	S(10, 7)	10	-3	3	3	-3	0	$\langle 1, 2, 3 \rangle$
9	6_3^2	S(12, 5)	12	-2	2	3	-1	1	$\langle 2, 2, 2 \rangle$
10	6_3^{2*}	S(12, 7)	12	-2	2	1	-3	-1	$\langle 1, 1, 2, 1, 1 \rangle$
11	7_1^2	S(14, 5)	14	1	-1	1	3	2	$\langle 2, 1, 4 \rangle$
12	7_1^{2*}	S(14, 9)	14	1	-1	-3	-1	-2	$\langle 1, 1, 1, 3, 1 \rangle$
13	7_3^2	S(18, 13)	18	-1	1	1	-1	0	$\langle 1, 2, 1, 1, 2 \rangle$
14	7_3^{2*}	S(18, 11)	18	1	-1	-1	1	0	$\langle 1, 1, 1, 1, 3 \rangle$
15	7_3^2	S(16, 7)	16	0	0	1	1	1	$\langle 2, 3, 2 \rangle$
16	7_3^{2*}	S(16, 9)	16	0	0	-1	-1	-1	$\langle 1, 1, 3, 1, 1 \rangle$
17	8_1^2	S(8, 1)	8	-4	4	7	-1	3	$\langle 8 \rangle$
18	8_1^{2*}	S(8, 7)	8	-4	4	1	-7	-3	$\langle 1, 6, 1 \rangle$
19	8_3^2	S(16, 11)	16	-4	4	5	-3	1	$\langle 1, 2, 5 \rangle$
20	8_3^{2*}	S(16, 13)	16	-4	4	3	-5	-1	$\langle 1, 4, 3 \rangle$
21	8_3^2	S(22, 9)	22	-3	3	5	-1	2	$\langle 2, 2, 4 \rangle$
22	8_3^{2*}	S(22, 13)	22	-3	3	1	-5	-2	$\langle 1, 1, 2, 3, 1 \rangle$
23	8_4^2	S(24, 7)	24	-4	4	5	-3	1	$\langle 3, 2, 3 \rangle$
24	8_4^{2*}	S(24, 17)	24	-4	4	3	-5	-1	$\langle 1, 2, 2, 2, 1 \rangle$
25	8_5^2	S(26, 15)	26	-3	3	3	-3	0	$\langle 1, 1, 2, 1, 3 \rangle$
26	8_5^{2*}	S(26, 19)	26	-3	3	3	-3	0	$\langle 1, 2, 1, 2, 2 \rangle$
27	8_6^2	S(20, 9)	20	-2	2	3	-1	1	$\langle 2, 4, 2 \rangle$
28	8_6^{2*}	S(20, 11)	20	-2	2	1	-3	-1	$\langle 1, 1, 4, 1, 1 \rangle$
29	8_7^2	S(30, 11)	30	-1	1	3	1	2	$\langle 2, 1, 2, 1, 2 \rangle$
30	8_7^{2*}	S(30, 19)	30	-1	1	-1	-3	-2	$\langle 1, 1, 1, 2, 1, 1, 1 \rangle$
31	8_8^2	S(34, 21)	34	-1	1	1	-1	0	$\langle 1, 1, 1, 1, 1, 1, 2 \rangle$
32	9_1^2	S(20, 7)	20	2	-2	1	5	3	$\langle 2, 1, 6 \rangle$
33	9_1^{2*}	S(20, 13)	20	2	-2	-5	-1	-3	$\langle 1, 1, 1, 5, 1 \rangle$
34	9_2^2	S(28, 17)	28	2	-2	-1	3	1	$\langle 1, 1, 1, 1, 5 \rangle$
35	9_2^{2*}	S(28, 23)	28	-2	2	1	-3	-1	$\langle 1, 4, 1, 1, 2 \rangle$
36	9_3^2	S(30, 13)	30	1	-1	1	3	2	$\langle 2, 3, 4 \rangle$
37	9_3^{2*}	S(30, 17)	30	1	-1	-3	-1	-2	$\langle 1, 1, 3, 3, 1 \rangle$
38	9_4^2	S(24, 5)	24	0	0	3	3	3	$\langle 4, 1, 4 \rangle$
39	9_4^{2*}	S(24, 19)	24	0	0	-3	-3	-3	$\langle 1, 3, 1, 3, 1 \rangle$
40	9_5^2	S(32, 23)	32	0	0	1	1	1	$\langle 1, 2, 1, 1, 4 \rangle$
41	9_5^{2*}	S(32, 25)	32	0	0	-1	-1	-1	$\langle 1, 3, 1, 1, 3 \rangle$
42	9_6^2	S(36, 23)	36	2	-2	-3	1	-1	$\langle 1, 1, 1, 3, 3 \rangle$
43	9_6^{2*}	S(36, 25)	36	-2	2	3	-1	1	$\langle 1, 2, 3, 1, 2 \rangle$
44	9_7^2	S(44, 17)	44	2	-2	-1	3	1	$\langle 2, 1, 1, 2, 3 \rangle$
45	9_7^{2*}	S(44, 27)	44	2	-2	-3	1	-1	$\langle 1, 1, 1, 1, 2, 2, 1 \rangle$
46	9_8^2	S(34, 19)	34	1	-1	-1	1	0	$\langle 1, 1, 3, 1, 3 \rangle$

Table 7.2 Links (cont.).

	Link	S(a,b)	$ H_1(M_k) $	Lk ₁	Lk ₂	Signature ₁	Signature ₂	ξ	$\langle c_0, \dots, c_n \rangle$
47	9_8^{2*}	S(34, 25)	34	-1	1	1	-1	0	$\langle 1, 2, 1, 3, 2 \rangle$
48	9_9^2	S(40, 11)	40	0	0	1	1	1	$\langle 3, 1, 1, 1, 3 \rangle$
49	9_9^{2*}	S(40, 29)	40	0	0	-1	-1	-1	$\langle 1, 2, 1, 1, 1, 2, 1 \rangle$
50	9_{10}^2	S(24, 11)	24	0	0	1	1	1	$\langle 2, 5, 2 \rangle$
51	9_{10}^{2*}	S(24, 13)	24	0	0	-1	-1	-1	$\langle 1, 1, 5, 1, 1 \rangle$
52	9_{11}^2	S(46, 17)	46	1	-1	1	3	2	$\langle 2, 1, 2, 2, 2 \rangle$
53	9_{11}^{2*}	S(46, 29)	46	1	-1	-3	-1	-2	$\langle 1, 1, 1, 2, 2, 1, 1 \rangle$
54	9_{12}^2	S(50, 31)	50	1	-1	-1	1	0	$\langle 1, 1, 1, 1, 1, 2, 2 \rangle$
55	9_{12}^{2*}	S(50, 29)	50	-1	1	1	-1	0	$\langle 1, 1, 2, 1, 1, 1, 2 \rangle$